| SUBSTITUTE FOR FORM PTO-1449  |                 |         |         | ATTY. DOCKET NO.          |           | SERIAL NO.  |  |
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| U.S. Department of Commerce Patent and Trademark Office   |                 |         |         | 009289-05155              |           | 10/542,657  |  |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT   |                 |         |         | APPLICANT Hiroaki SUDO    |           |   |  |
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| U.S. PATENT DOCUMENTS   |                 |         |         |                           |           |   |  |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  |                 |         |         |                           |           |   |  |
| European Search Report dated April 15, 2011.  |                 |         |         |                           |           |   |  |
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